

## NAME CHANGES IN NEOTROPICAL GESNERIACEAE

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The first sets of new combinations are necessary for a further streamlining of the taxonomy of Gesneriaceae in cultivation. The transfer of *Rechsteineria* Regel to *Sinningia* Nees was started for some cultivated species by Dr. H. E. Moore in *Baileya* 19:35-41, 1973, and the first species of *Seemannia* Regel was transferred by myself to *Gloxinia* L'Heritier in *Baileya* 18:133-137, "1971" (1972). Full synonymies for each species will appear with the complete generic revisions.

### **Rechsteineria** Regel = **Sinningia** Nees

#### **Sinningia aggregata** (Ker) Wiehler, comb. nov.

*Gesneria aggregata* Ker, Bot. Reg. 4:329. 1818.

*Corytholoma aggregatum* (Ker) Decne., Rev. Hort. 20:467. 1848.

*Rechsteineria aggregata* (Ker) Kuntze, Rev. Gen. 2:474. 1891.

#### **Sinningia allagophylla** (Mart.) Wiehler, comb. nov.

*Gesneria allagophylla* Mart., Nov. Gen. Sp. Pl. 3:36. 1829.

*Rechsteineria allagophylla* (Mart.) Regel, Flora 31:247. 1848.

*Corytholoma allagophyllum* (Mart.) Fritsch, in Engler & Prantl, Nat. Pflanzenfam. 4(3b):180. 1893.

#### **Sinningia canescens** (Mart.) Wiehler, comb. nov.

*Gesneria canescens* Mart., Nov. Gen. Sp. Pl. 3:36. 1829.

*Rechsteineria canescens* (Mart.) Kuntze, Rev. Gen. 2:474. 1891.

*Corytholoma canescens* (Mart.) Fritsch, Bot. Jahrb. Syst. 37:499. 1906.

*Rechsteineria leucotricha* Hoehne, The Gloxinian 6(3):14. 1956.

*Sinningia leucotricha* (Hoehne) H. E. Moore, *Baileya* 19(1):39. 1973.

(The features mentioned by Hoehne as distinctions between *R. leucotricha* and its close ally *R. canescens* are all present in the original or subsequent descriptions of the latter. Recent material introduced from Brazil as *R. canescens* appears to be identical with Hoehne's species. The corolla color of the widely distributed *S. canescens* varies from pink to orange and red, and the degree of leaf hairiness appears to be a regional or ecological factor.)

#### **Sinningia cooperi** (Paxt.) Wiehler, comb. nov.

*Gesneria cooperi* Paxt., Paxton's Mag. Bot. 1:224. 1834.

*Rechsteineria cooperi* (Paxt.) Kuntze, Rev. Gen. 2:474. 1891.

*Corytholoma cooperi* (Paxt.) Fritsch, Denkschr. Kaiserl. Akad. Wiss., Math. - Naturwiss. Kl. 79:291. 1908.

#### **Sinningia macrorrhiza** (Dum.) Wiehler, comb. nov.

*Gesneria macrorrhiza* Dum., Bull. Acad. Roy. Sci. Bruxelles 3:361. 1836.

*Rechsteineria macrorrhiza* (Dum.) Kuntze, Rev. Gen. 2:474. 1891.

#### **Sinningia magnifica** (Otto & Dietr.) Wiehler, comb. nov.

*Gesneria magnifica* Otto & Dietr., Allg. Gartenzeitung 1:265. 1833.

*Rechsteineria magnifica* (Otto & Dietr.) Kuntze, Rev. Gen. 2:474. 1891

*Corytholoma magnificum* (Otto & Dietr.) Fritsch, in Engler & Prantl, Nat. Pflanzenfam. 4(3b):181. 1893.

#### **Sinningia sceptrum** (Mart.) Wiehler, comb. nov.

*Gesneria sceptrum* Mart., Nov. Gen. Sp. Pl. 3:32. 1829.

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*Corytholoma sceptrum* (Mart.) Decne., Rev. Hort. 20:467. 1848.  
*Rechsteineria sceptrum* (Mart.) Kuntze, Rev. Gen. 2:474. 1891.

**Sinningia stricta** (Hook. & Arn.) Wiehler, comb. nov.

*Gesneria stricta* Hook. & Arn., J. Bot. (Hooker) 1:280. 1834.  
*Corytholoma strictum* (Hook. & Arn.) Decne., Rev. Hort. 20:466. 1848.  
*Rechsteineria stricta* (Hook. & Arn.) Kuntze, Rev. Gen. 2:474. 1891.

**Seemannia Regel = Gloxinia L'Heritier**

**Gloxinia L'Heritier**, Stirp. Nov. 149. "1785" (1791).

*Mandirola* Decne., Rev. Hort. 20:468. 1848.  
*Salisia* Regel, Flora 32:179. 1849.  
*Seemannia* Regel, Gartenflora 4:183. 1855.  
*Fritschiantha* Kuntze, Rev. Gen. 3(2):241. 1898.  
*Fiebrigia* Fritsch, Bot. Jahrb. Syst. 50:397. 1914.

The first two species are listed here because they are cultivated at times under their synonyms.

**Gloxinia gymnostoma** Griseb., Plant. Lorentz. 179. 1874.

*Achimenes gymnostoma* (Griseb.) Fritsch, in Engler & Prantl, Nat. Pflanzenfam. 4(3b):175. 1893.  
*Seemania gymnostoma* (Griseb.) Tours., Bol. Soc. Arg. Bot. 7(2):135. 1958.  
*Fiebrigia digitaliflora* Fritsch, Bot. Jahrb. Syst. 50:397. 1914.

**Gloxinia lindeniana** (Regel) Fritsch, Oesterr. Bot. Zeitschr. 63:66. 1913.

*Tydaea lindeniana* Regel, Gartenflora 17:257, pl. 589. 1868.  
*Kohleria lindeniana* (Regel) H. E. Moore, Gent. Herb. 8(5):380. 1954.

**Gloxinia sylvatica** (HBK) Wiehler, comb. nov.

*Gesneria sylvatica* HBK, Nov. Gen. Sp. Pl. 2:393. 1829.  
*Seemannia sylvatica* (HBK) Hanst., Linnaea 29:540, 587. 1859.  
*Seemannia latifolia* Fritsch, Meded. Herb. Leiden 29:52. 1916.  
 (An investigation of herbarium material reveals that the critical characters for *S. latifolia*, the width of the leaves and the length of the pedicels, fall within the range of variation for *G. sylvatica*.)

**Ortholoma** (Bentham) Hanstein = **Trichantha** Hooker

In the recent remodeling of the genera *Alloplectus* Martius and *Columnea* Linnaeus in Phytologia 27(5):309-329, 1973, I inadvertently overlooked that the name *Trichantha* Hooker has priority over *Ortholoma* (Bentham) Hanstein by ten years. According to the rules of nomenclature it is therefore necessary to transfer the species under *Ortholoma* to *Trichantha*. The circumscription for *Ortholoma* and its position in the key in the Phytologia paper cited above applies also to *Trichantha*.

**Trichantha** Hooker, ampl. Wiehler

Frutices, folia, floresque cum vel sine trichomatibus; folia succulenta vel coriacea vel chartacea. Inflorescentia axillaris cymosa vel uniflora et biflora redacta; calycis segmenta laciniata vel serrata vel integra; corolla tubulosa vel inflata, limbo subaequali vel bilabiato vel lobis dorsalibus in galeam connatis, appendiculae praesentes vel destitutae. Fructus bacca.

**Trichantha** Hook., Ic. Pl. 7:t. 666. 1844.

*Ortholoma* (Benth.) Hanst., ampl. Wiehler, Phytologia 27(5):319. 1973.

*Columnnea* L., sect. *Trichantha* (Hook.) Kuntze, in Post & Kuntze, Lex. Pl. Phan. 136. 1904. For complete synonymy, see Phytologia, l.c.

TYPE SPECIES: *Trichantha minor* Hook., Ic. Pl. 7:t. 666. 1844.

ETYMOLOGY: From the Greek trich(oma) = hair; anthos = flower; with hairy flower.

**Trichantha ambigua** (Urb.) Wiehler, comb. nov.

*Alloplectus ambiguus* Urb., Symb. Antill. 1:408. 1899.

*Ortholoma ambiguum* (Urb.) Wiehler, Phytologia 27(5):320. 1973.

**Trichantha anisophylla** (DC.) Wiehler, comb. nov.

*Columnnea anisophylla* DC., Prodr. 7:542. 1839.

*Ortholoma anisophyllum* (DC.) Wiehler, Phytologia 27(5):320. 1973.

**Trichantha calotricha** (Donn. Sm.) Wiehler, comb. nov.

*Columnnea calotricha* Donn. Sm., Bot. Gaz. 40:9. 1905.

*Ortholoma calotrichum* (Donn. Sm.) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha cristata** (Griseb.) Wiehler, comb. nov.

*Pterygoloma cristatum* Griseb., Fl. Brit. W. Ind. 464. 1861.

*Ortholoma cristatum* (Griseb.) Wiehler, Phytologia 27(5):321. 1973.

*Alloplectus grisebachianus* (Kuntze) Urb., Symb. Antill. 2:357. 1901.

**Trichantha dictyophylla** (Donn. Sm.) Wiehler, comb. nov.

*Columnnea dictyophylla* Donn. Sm., Bot. Gaz. 61:385. 1916.

*Ortholoma dictyophyllum* (Donn. Sm.) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha dissimilis** (Morton) Wiehler, comb. nov.

*Columnnea dissimilis* Morton, Ann. Missouri Bot. Gard. 29:47. 1942.

*Ortholoma dissimile* (Morton) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha dielsii** (Mansf.) Wiehler, comb. nov.

*Columnnea dielsii* Mansf., Biblioth. Bot. 116:145. 1937.

*Ortholoma dielsii* (Mansf.) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha domingensis** (Urb.) Wiehler, comb. nov.

*Alloplectus domingensis* Urb., Symb. Antill. 2:357. 1901.

*Ortholoma domingense* (Urb.) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha erythrophylla** (Hanst.) Wiehler, comb. nov.

*Columnnea erythrophylla* Hanst., Linnaea 34:388. 1865.

*Ortholoma erythrophyllum* (Hanst.) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha filipes** (Oliver) Wiehler, comb. nov.

*Columnnea filipes* Oliver, in Hook., Ic. Pl. 25:pl. 2428. 1896.

*Ortholoma filipes* (Oliver) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha herthae** (Mansf.) Wiehler, comb. nov.

*Columnnea herthae* Mansf., in Fedde, Repert. 41:146. 1937.

*Ortholoma herthae* (Mansf.) Wiehler, Phytologia 27(5):321. 1973.

**Trichantha heterophylla** (Oerst.) Wiehler, comb. nov.

*Stenanthus heterophyllus* Oerst., Centralamer. Gesner. 48, pl. 5. 1858.

*Ortholoma heterophyllum* (Oerst.) Wiehler, Phytologia 27(5):321. 1973.

- Trichantha incarnata** (Morton) Wiehler, comb. nov.  
*Columnnea incarnata* Morton, Ann. Missouri Bot. Gard. 29:48. 1942.  
*Ortholoma incarnatum* (Morton) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha lehmannii** (Mansf.) Wiehler, comb. nov.  
*Columnnea lehmannii* Mansf., in Fedde, Repert. 41:146. 1937.  
*Ortholoma lehmannii* (Mansf.) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha mira** (Morley) Wiehler, comb. nov.  
*Columnnea mira* Morley, Ann. Missouri Bot. Gard. 60:457. 1973.
- Trichantha oblongifolia** (Rusby) Wiehler, comb. nov.  
*Columnnea oblongifolia* Rusby, Mem. Torrey Bot. Club 6:98. 1896.  
*Ortholoma oblongifolium* (Rusby) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha ochroleuca** (Kl. ex Oerst.) Wiehler, comb. nov.  
*Ortholoma ochroleuca* Kl. ex Oerst., Centralamer. Gesner. 51. 1858.
- Trichantha parviflora** (Morton) Wiehler, comb. nov.  
*Columnnea parviflora* Morton, J. Wash. Acad. Sci. 35:127. 1945.  
*Ortholoma parviflorum* (Morton) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha pendula** (Kl. ex Oerst.) Wiehler, comb. nov.  
*Ortholoma pendulum* Kl. ex Oerst., Centralamer. Gesner. 52. 1858.
- Trichantha peruviana** (Zahlbr.) Wiehler, comb. nov.  
*Columnnea peruviana* Zahlbr., Ann. K. K. Naturhist. Hofmus. 7:8. 1892.  
*Ortholoma peruvianum* (Zahlbr.) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha pubescens** (Griseb.) Wiehler, comb. nov.  
*Pterygoloma pubescens* Griseb., Fl. Brit. W. Ind. 464. 1861.  
*Ortholoma pubescens* (Griseb.) Wiehler, Phytologia 27(5):323. 1973.
- Trichantha sanguinolenta** (Kl. ex Oerst.) Wiehler, comb. nov.  
*Stenanthus sanguinolentus* Kl. ex Oerst., Centralamer. Gesner. 49. 1858.  
*Ortholoma sanguinolentum* (Kl. ex Oerst.) Wiehler, Phytologia 27(5):323. 1973.
- Trichantha serrata** (Kl. ex Oerst.) Wiehler, comb. nov.  
*Stenanthus serratus* Kl. ex Oerst., Centralamer. Gesner. 49. 1858.  
*Ortholoma serratum* (Kl. ex Oerst.) Wiehler, Phytologia 27(5):323. 1973.
- Trichantha ulei** (Mansf.) Wiehler, comb. nov.  
*Columnnea ulei* Mansf., in Fedde, Repert. 38:26. 1935.  
*Ortholoma ulei* (Mansf.) Wiehler, Phytologia 27(5):324. 1973.
- Trichantha venusta** (Standl.) Wiehler, comb. nov.  
*Columnnea venusta* Standl., Fieldiana, Bot. 17(2):210. 1937.  
*Ortholoma venustum* (Standl.) Wiehler, Phytologia 27(5):324. 1973.
- Another new combination needs to be added to the re-instated genus *Pentadenia* (Planchon) Hanstein, Phytologia 27(5):314. 1973:
- Pentadenia moesta** (Poepp.) Wiehler, comb. nov.  
*Columnnea moesta* Poepp., in Poeppig & Endlicher, Nov. Gen. Sp. Pl. 3:1, pl. 201. 1840.  
*Stygnanthe moesta* (Poepp.) Hanst., Linnaea 26:185, 209. 1854.